

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 19:57:34 1994
Date: Wed, 21 Sep 1994 11:03:55 -0400
Message-Id: <199409211503.LAA13754@detroit.freenet.org>
From: aa024@detroit.freenet.org (Kenneth Vito Zichi)
Subject: Re: 'ole smokey!

>I recently purchased a small craft anchor that evidently belonged to
>someone who smoked.I make NO moral judgements about smoking versus
>non-smoking. However the rig REEKS of smoke and it's a stinkin' up
>the shack! Question: is there any way to rid the beast of it's odor??
>Besides dumping it overboard...;-)...??

Dan --

The best way I know if is to leave it outside in the sunshine with appropriate covers removed or open to the air and light. Depending on the level of smoke damage, this technique can take up to a week, so if you live where it rains or dews you have to be "involved" in the set's restoration -- eg pulling it inside when rain threatens or when evening is approaching.

Let us know if you get any other suggestions! 73 //kvz

--

kv zichi,
Michigan Area Radio Enthusiasts, Inc.
email to aa024@Detroit.Freenet.org for more info

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 20:50:21 1994
Date: Wed, 21 Sep 1994 11:40:21 -0400
From: "Rhett T. George" <rtg@ee.duke.edu>
Message-Id: <199409211540.LAA42241@ee.ee.duke.edu>
Subject: Re: 'ole smokey!

Suggest washing as much as you dare. Especially, remove the case/cabinet and give it a good cleaning. Be careful around labels, inked-on numbers, etc. Dishwashing soap is probably good for this task.
73's de Rhett, KE4HIH

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 19:49:57 1994
From: rdkeys@csemail (R. D. Keys)
Message-Id: <9409211443.AA100987@csemail.cropsci.ncsu.edu>
Subject: Re: 160 meter activity night
Date: Wed, 21 Sep 94 10:43:24 EDT

>

> > Did anyone else try last night??

>
 > Hi Ted! That was ME! WB8ZJL
 >
 > I worked an N9... station in Indiana who was running 4 watts at the
 > time. I *think* I was running less than 5 watts out of my Corsair I.
 >
 > I also tried to work Bob. He copied everything except the "Z" in my
 > call. Bob was about 559 at my QTH, 30 miles north of Detroit.
 >
 > Look for you guys next Monday. 73 =paul= wb8zjl
 >

Great, Paul!

I tried like hell to get you through the mud down here in NC, but it was a no-go. You were just too far down in the mud. My guess is that conditions will pick up significantly in a couple more weeks, as the band settles in for the winter. I was amazed at the number of signals that I was able to hear on the top band..... It should be a FB band this winter. I may have to rejuvenate my low-loss Hartley oscillator with the UV-211 if the band perks up this well. The regen receivers are ready to go....

For those interested in an antiqueeee boatanchorus riggus breadboardus topbandus Hartleus firebottlus, I have posted a 6SN7 breadboard rig to Steve Modena's (AB4EL) archives on sunsite.unc.edu. It should be available shortly in the pub/academic/agriculture/agronomy tree somewhere. It requires a postscript printer to dump it out (sorry about that but schematics and pictures required it). It would be trivial to scale the thing to any available tube that can be made to work as a triode.

Let's hear it for the monday night top band crew!!!! YEAH!!!!!!

I am all for keeping it going, and keeping the boatanchor firebottles warming the shacks in winter.

73 Bob NA4G

```
*****
* 73 TU SU SK DE NA4G          ``Boat Anchor Bob'', an ol' CW fart. *
*****
* Morse has been in the family for over 100 years.                  *
* Morse radiotelegraphy (Spark/CW) has been in the family since 1914. *
*****
* May you have fair winds and following seas on your watch at the key. *
*****
```

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 11:33:23 1994
Date: Wed, 21 Sep 1994 08:04:17 -0400
From: Michael Crestohl <mc@shore.net>
Message-Id: <199409211204.AA14015@shore.shore.net>
Subject: A Bud Sleeper

I'm going to try again to post:

Found this goodie on the Railroadiana mailing list.....

Date: Sun, 18 Sep 1994 17:40:24 -0800
>From: echild@picosof.com (Rick Child)
Subject: Need some help

I am in the process of acquiring an ex Burlington 10/6 Budd build sleeper (ex Silver Boulder). My plans call for removing 6 of the roomettes to create a lounge/dining area. To equip this area I am interested in acquiring 4-8 sets of reclining coach chairs with foot rest and 2-4 dining tables. The car is also missing 2 of the chairs that went in the lengthwise bedrooms and the car tables that also were used in that style bedroom. Any help in locating sources for these items would be greatly appreciated.
Thanks in advance

It's nice to know that we're not the only crazy ones out there!!!!

73,

Michael Crestohl KH6KD/W1
VE2XZ

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 19:57:28 1994
Date: Wed, 21 Sep 1994 11:15:28 -0500
From: CCS_MAH@admin.fandm.edu (Mark Hemlick Ph. D.)
Subject: Chassis cleaning
Message-Id: <01HHDEJ8M6TU9AS6AA@ACAD.FANDM.EDU>

Kevin wrote:

>hoping you all will bear with me. I would be very much interested in hearing
>your cleaning recommendations where the top portion of the chassis shows

>considerable dust and grime plus spots of what appear to be rust, pitting, and
>corrosion.

Kevin,

A while back several people recommended "Go Jo", or other waterless hand cleaner. I used this and it works very well, especially for removing old glue, tape, and greasy dirt from the chassis. Apply, let sit for 5-10 minutes, then wipe clean. I wouldn't use it on any components, should be ok on any chassis parts, including plastic/glass. Good luck!

73 Mark KA3LFG

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 21:39:51 1994
Date: Wed, 21 Sep 94 12:58:53 EST
From: "Roy Morgan" <morgan@speckle.ncsl.nist.gov>
Message-Id: <59210.morgan@speckle.ncsl.nist.gov>
Subject: Conelrad Monitor

On Wed, 21 Sep 94 09:36:30 EDT,
John Mallick <mallick@ausable.crd.ge.com> wrote:

>Don't forget about the Conelrad monitoring regulations. Any BA'ers
>out there have one of the old Heathkit Conelrad alarms that I saw in
>a 1966 Handbook ad? God-forbid you should be on the air when they
>drop the "big one"...

Yup. I've got one, newly-built-and-never-run in-the-box at the
homestead Grand Junque Boxe. I remember deciding against the photo
exposure meter and getting the conelrad monitor. It has a 2D21
thyrotron for switching, a relay, a light, and little else.

Just the thing for the authentic 50's station.

-- Roy --

Roy Morgan / Tech A-266 / NIST / Gaithersburg MD 20899
(National Institute of Standards and Technology, formerly NBS)
301-975-3254 Fax: 301-948-6213 Internet: morgan@speckle.ncsl.nist.gov

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 19:19:43 1994

From: "Kearman, Jim, KR1S" <jkearman@arrl.org>
Subject: FW: Boatanchors list
Date: Wed, 21 Sep 94 09:21:00 EDT
Message-Id: <2E8033F5@arrl.org>

>From: Michael Crestohl
To: jkearman
Subject: Boatanchors list
Date: Wednesday, September 21, 1994 8:00AM

Greetings:

I am thoroughly enjoying the daily digests I am receiving. Its great stuff! Unfortunately, I am unable to post - I tried the given method but the post just didn't get through.

I'd appreciate it if you could post this for me.

NOTE: I originally posted this on Wednesday September 14th. When I read the daily digest I noticed that it was somehow garbled with an excellent article about 160 metres where I was credited as the author and the body of the copy of this post had disappeared.

Hello to all Boatanchor enthusiasts:

Thanks to Steve AB4EL I am now able to read the BOATANCHORS list. I have been trying to do this all summer. Hopefully I will be able to subscribe normally soon but until then the digests will be just fine.

Someone asked for a report on the vintage AM station at Gaithersburg. At the risk of being repetitious, (due to the delay in receiving the digest) here goes:

The station, consisting of a JOHNSON VIKING II and a R-390A plus an assortment of audio equipment was set up by Paul WA3VJB and Steve WB3HUZ. It was located in the wooded area of the flea market (co-incidentally across the road from the outdoor flea market location selling Stu Meyer's W2HNK's estate). I read in the digests that somebody says he missed it. I don't know how - it was pretty prominent.

I saw several well-known AMers, including Gary N2INR, Ron WA3WBC, Greg K3EWZ and many others whose name and calls don't come to mind immediately. My old friend, Tim WA1HLR aka The Timtron or Henry Nyelllllllaaaaaaarrrrrrrrrrrr

made his first trip to Gaithersburg. The party lasted until 4AM with lots of excellent food and Rolling Rock for all. I couldn't tell you the number of Qs or any other specifics but for all of those who are really interested I'm sure there will be a write-up in ELECTRIC RADIO in the near future.

My wife Cynthia (VE2QF) and I were parked in the AM compound and set up a table with some goodies which sold quite well. We made our first trip to Gaithersburg last year and were impressed with the size of the flea market but I found the prices on the high side and didn't come home with any new goodies. This year was somewhat different as I was lucky enough to get an early shot on Friday afternoon at the Stu Meyer estate stuff. I sent Cynthia running back to the AM compound to pass the word around that there was some nice stuff going into the end building and folks came running!

Last year I couldn't help but notice that people who stayed overnight didn't really party and have a good time - it seemed to me that the only thing going

on was swapping "stuff". I am a "Deerfield" alumnus since the mid seventies and still maintain the Hosstraders flea market and tailgate meet is the best place to go for a great party and lots of good stuff too. Gary N2INR said that we (AMers) are going to make Gaithersburg the "new Deerfield" since the Hosstraders now meet at the Rochester NH Fairgrounds and many Deerfield veterans don't think its as good. I would prefer to call Gaithersburg "Deerfield South" as we have always had a good time at Deerchester (Roachfield or whatever you want to call Rochester NH). The dates this fall are:

FRIDAY OCTOBER 7th 1994 - SATURDAY OCTOBER 8th.

Gates open at 9:00 AM on Friday. Admission is \$20.00 until 3:00 PM, after that \$5.00. No additional charges to sell. Space is strictly first come - first served.

I'd be happy to post directions in case anyone needs them. Despite the change of venue, its still a great party and flea.

Michael Crestohl KH6KD/W1 (VE2XZ, formerly VE2FW) e-mail: mc@shore.net now living in Nahant (by the sea, in Massachusetts). Hopefully will be back on the air this fall.

Thanks. Appreciate it.

I have something else for you but I'll send it later.

73,

Michael Crestohl KH6KD/W1

mc@shore.net

From owner-boatanchors@gnu.ai.mit.edu Thu Sep 22 00:38:51 1994
Date: Wed, 21 Sep 94 16:43:26 HST
From: jeffrey@math.hawaii.edu (Jeffrey Herman)
Message-Id: <9409220243.AA05297@kahuna.math.hawaii.edu>
Subject: GMDSS To Replace Code - Part 4

Here's Part 4 of ``GMDSS To Replace Code At Sea''. Note that in this part even MF SSB (2182 kc) is to be phased out. Phooey. The last part will be posted tomorrow.

Jeff NH6IL

*****Begin Included Article*****

GMDSS

ship-to-shore
by area of operation
worldwide using HF or satellites
improved by satellites and multiple frequency
digital data transmissions
automatic watch
licensed radio operator officer on ships >1600
on all ships
same requirements for all ships of different sizes,
ships >300 gross-tons, and passenger ships

EQUIPMENT

406 MHz EPIRB
VHF radio (DSC and voice) MF radio (DSC and voice) HF radio (required for sea area A4)
INMARSAT ship earth station plus EGC capability
NAVTEX receiver
9 GHz SART
Two-way VHF portable radios 2182 kHz watch receiver/ auto alarm

FUNCTION

Ship-to-shore alerts via COSPAS-SARSAT satellite
SAR Communications (Search and Rescue)
Ship-to-shore alerts and communications
Ship-to-shore alerts and communications
Ship-to-shore alerts, communications, and MSI (Safety Net)
MSI (Safety Net) 518 kHz
SAR locating beacon
SAR communications
Receipt of 2182 kHz alerts until Feb. 1, 1999
Table ///- GMDSS shipboard radio equipment. EGC = Enhanced group calling, MSI = Marine safety information, SAR = Search and rescue, SART

= Search and rescue transponder. All GMDSS equipment must be type-accepted or approved by the FCC.

INMARSAT is the primary satellite system used for GMDSS communications. The sea areas are established by individual countries, which equip their shore stations with appropriate VHF, MF, HF, or satellite facilities to "cover" particular segments of ocean.

Multiple Options

The second significant feature of the GMDSS, multiple communications options, ensures that each ship using the GMDSS will have at least two options of distress alerting appropriate to its sea area. This redundancy will minimize the chance that a ship in distress will be unable to communicate because of weather, radio propagation difficulties, equipment failure, or other circumstances. This feature represents a significant improvement over the current distress system. A comparison of the primary features of the current distress and safety system and the GMDSS is given in Table 11.

The basic concept of the GMDSS is that SAR authorities on shore, as well as shipping in the immediate vicinity of the ship in distress, can be rapidly alerted to a distress incident. The shore-based authorities designated as a Rescue Coordination Center (RCC) can then assist in coordinating rescue operations with minimal delay.

In the United States, the Coast Guard is the designated maritime SAR organization

and will operate the necessary RCCs. The particular GMDSS equipment used to communicate varies by sea area and may have several alternatives. Table III is a simplified chart of GMDSS equipment and its primary functions, assuming a mid-ocean distress situation.

The IMO Conference prescribed two levels of GMDSS operators.

*****End Included Article*****

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 12:46:17 1994

From: "Kearman, Jim, KR1S" <jkearman@arrl.org>

Subject: Great hamshack?

Date: Wed, 21 Sep 94 09:24:00 EDT

Message-Id: <2E803444@arrl.org>

Mike sent this to me and I had to pass it along. In case it isn't obvious, the original poster is talking about a railroad car! Next time someone complains about how much space your boatanchors consume, bring this out. "Now, if I had this railroad car, I could setup most of my equipment in there. I wonder how we'd get it into the backyard? Could I put it by the pool?"

--Jim

>From: Michael Crestohl
>To: jkearman
>Subject: Think we're nuts!!!
>Date: Wednesday, September 21, 1994 8:01AM

Date: Sun, 18 Sep 1994 17:40:24 -0800
>From: echild@picosof.com (Rick Child)
Subject: Need some help

I am in the process of acquiring an ex Burlington 10/6 Budd build sleeper (ex Silver Boulder). My plans call for removing 6 of the roomettes to create a lounge/dining area. To equip this area I am interested in acquiring 4-8 sets of reclining coach chairs with foot rest and 2-4 dining tables. The car is also missing 2 of the chairs that went in the lengthwise bedrooms and the car tables that also were used in that style bedroom. Any help in locating sources for these items would be greatly appreciated. Thanks in advance

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 13:04:38 1994
Date: Wed, 21 Sep 94 09:36:30 EDT
From: mallick@ausable.crd.ge.com (John Mallick)
Message-Id: <9409211336.AA07419@ausable.crd.Ge.Com>
Subject: RE: how do you report you rig's power these days?

Jim wrote...

And no more must US beginners painstakingly tweak the PA tuning and loading to obtain precisely 75.0000 W input, so as to be both legal and as loud as the rules and regs allowed. Just plug it in, crank up the gain and call CQ. My rig only ran 60 W. Here I was, a disadvantaged youth and never knew it! Where was the ARRL when I needed them???

Yeah...I remember carefully tweaking my DX-60 to 75 watts input, knowing that if I slipped and went to its full-bore 90 watts input, the Feds would be on my doorstep waiting to put the 'cuffs on. :-)

Don't forget about the Conelrad monitoring regulations. Any BA'ers out there have one of the old Heathkit Conelrad alarms that I saw in a 1966 Handbook ad? God-forbid you should be on the air when they drop the "big one"...

73, John WA1HNL

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 14:43:09 1994

From: rdkeys@csemail (R. D. Keys)
Message-Id: <9409211431.AA100962@csemail.cropsci.ncsu.edu>
Subject: Re: how do you report you rig's power these days?
Date: Wed, 21 Sep 94 10:31:31 EDT

>
> I was working KS0L last night and he said (sort of):
>
> rig hr is Icom 725 running 100 watts...
>
> And I said:
>
> rig is old Heath DX60 running 75 watts...
>
> But aren't radios rated at XXX watts RF output these days? In that case, he
> was running 100W and I was running a bit over 30W. How do you brag about the
> power your running on CW on the air these days?
>
> Things were so much simpler in 1968.
>
> Richard Loken VE6BSV, Systems Programmer - VMS : "...underneath those
> Athabasca University : tuques we wear, our heads
> Athabasca, Alberta Canada : are naked!"
> ** tech@cs.athabascau.ca ** : - Aurthor Black
>

Ahh....., yes boatanchorites, et al, things were much simpler then.

Tradition among toobies/boatanchorites is that real rigs that glow in the dark are usually rated in plate input power to the final amplifier. At best, figure output power is about half that, or slightly more.

Late model gewhilligigits 12voltus, subspecies applanicus japonicus are usually rated at output power, BUT beware that even those dont usually put out the real power, and the ratings lie like hell. Most transistor rigs are only 50 percent or so efficient, also, so.... if you actually measure the output power into a calibrated dummy load you will probably find that your 100 watt rig will smoke, at best 50-65 watts into the antenna (my kenwoodie TS140S under absolute best conditions into a dummy load will only put out 65 watts, even though its output meter would like to tell me it is putting out more, so go figure....).

Now, if you want a real boatanchor that puts out real power, try a marine service rated transmitter (Navy or merchant marine). They are rated in real power OUTPUT. When I key down my ET-8019A, which is rated at 200 watts output, it delivers AT LEAST 200 watts output on all bands, under any condition, into any type of antenna, guaranteed by RMCA. That is why I usually run the beast on a variac at about

a quarter or half power input or so.

I would expect the DX-60, mini-anchor to put out a real solid 50-60 watts, without batting an eyelash. It is rated at 90 watts input, so at 60 percent or so efficiency, that should give around 50 real watts out, or a little more. I measured the output of my HW-16, a few nights ago, and it puts out only about 33 watts, but that is not too bad for a baby compactron tube.

As a boatanchorite, I always try to declare whether or not my power is xx watts input or xx watts output, so the other end of a QSO knows which power is which. Most of the time I just read the plate meters and do a quick headbanging calculation and give the other end the xx watts input mode. After years of running the RMCA beast, I know just by reading the variac. It is easier and more accurate for most purposes. If I happen to have an inline wattmeter aboard (not too often, since I voltage feed an end-fed wire) then I may give the xx watts output mode.

As a general rule, I would prefer to hear a fellow list the power in a format:

FB OM MY BA QRO (or QRP for that matter) IS XX W OUT

That be my 0.02 pfennigs worth, among friend boatanchorites!

73 Bob NA4G

```
*****
* 73 TU SU SK DE NA4G          ``Boat Anchor Bob'', an ol' CW fart. *
*****
* Morse has been in the family for over 100 years.                      *
* Morse radiotelegraphy (Spark/CW) has been in the family since 1914.  *
*****
* May you have fair winds and following seas on your watch at the key. *
*****
```

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 22:20:12 1994
Date: Wed, 21 Sep 94 18:07:08 GMT
From: Hugh D. Stegman <driver8@red-eft.la.ca.us>
Message-Id: <9409211807.AA04687@red-eft.la.ca.us>
Subject: RE: how do you report you rig's power these days?

>Carefully tune and load the PA

The Eico 720, typical little 6146-based cw-only rig of the time, had a bright

red line on the plate mil meter, saying NOVICE LIMIT. Sure scared me. Big day when the General came and I could QRO all the way from 75 watts input to 90.

Hugh

"Get your people down and under cover, this is gonna be a big one."

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 23:09:17 1994
Date: Thu, 22 Sep 1994 10:00:26 +1000 (EST)
From: Dave Horsfall <dave@esi.COM.AU>
Subject: Re: how do you report you rig's power these days?
Message-Id: <Pine.3.88.9409220920.F27560-01000000@eram.esi.com.au>

Fascinating thread! For what it's worth, the max CW power here in Australia was recently raised from 150W DC input to final, to 120 W output. It was a sad commentary on the education of some Amateurs that they thought they were worse off...

I think the regs actually specified anode ("plate") voltage times cathode current at one time; it's been a while since it was spelled out like that.

--

Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 22:08:53 1994
From: "Kearman, Jim, KR1S" <jkearman@arrl.org>
Subject: Howdy from N1AAC
Date: Wed, 21 Sep 94 19:43:00 EDT
Message-Id: <2E80C5CE@arrl.org>

Hi boatanchor folks. I'm still in Connecticut and finally managed to get through to the net courtesy of Jim Kearman. I should be back to my regular QTH and duties in about 6 weeks. I'm happy to see that the list is still here and apparently fairly stable. After catching up with all the requests for deletions there are still 210 subscribers, and apparently more I could add. I understand someone has set up a kind of alias for the alias to take care of new subscribers. Interesting. I guess I don't really have much else to say for now. Keep the faith and all that. :)

Paul Prescott
N1AAC
regnad@gnu.ai.mit.edu

P.S. I will not be able to see any replies to this message, so it'd be

pointless to send them.

From owner-boatanchors@gnu.ai.mit.edu Thu Sep 22 00:38:49 1994
Message-Id: <CCMAIL.0093373.412425150094264FCCMAIL@EMIS.HAC.COM>
Date: 21 Sep 1994 15:17:15 GMT
From: "James C Reid" <0093373@CCMAIL.EMIS.HAC.COM>
Subject: Hustler 4-BTV

My buddy dropped off a Hustler 4-BTV HF vertical antenna the other night "on loan". Looks to be all there including the traps and assembly instructions. I figured this might be a decent way to get the HW-101 operational for the Friday night fist fights. Has anyone out there had any experience with this particular antenna? Any hints or kinks with using it? Any info would be appreciated.

-Jim

From owner-boatanchors@gnu.ai.mit.edu Thu Sep 22 00:44:39 1994
Date: Wed, 21 Sep 1994 18:10:48 EDT
From: post@ouvaxa.cats.ohiou.edu
Message-Id: <00984D04.920C3060.208@ouvaxa.cats.ohiou.edu>
Subject: Let's Trade Manual copies, round 2

Ohio University Electronic Communication

Date: 21-Sep-1994 06:08pm EST

To: Remote Addressee
(_MX%"boatanchors@gnu.ai.mit.edu")

From: Richard Post
Services
POST

Dept: Instructional Media
Tel No:

Subject: Let's Trade Manual copies, round 2

My thanks to BA friends for a number of helpful copy trades. Since my last posting, I dug out some more original "heavy metal" manuals available for copy trades.
PHOTO COPIES of the following manuals /schematics can be arranged on an exchange basis for your copies of my needed manuals. (*asterisk* indicates new list item)

HAVE the following manuals

Heathkit

AR-3 Communications receiver

AR-13A AM-FM receiver

ET-3200 Digital design Experimenter

GR-481 color tv (tube type)

GRA- 227-6, 295-6, 681-6 TV remote control

GR-900 color tv (condensed manual)

GR-88 VHF monitor receiver

GD-51A wireless intercom

HW-29A 6 meter transceiver

HD-10 Electronic keyer

HD-1424 Active antenna

*HM 10A tunnel dipper

IM-11 VTVM

IM-13 VTVM

IM-28 VTVM

IM-30 transistor tester

IM-1210 Digital multimeter

IM -2410 Freq counter

LG-1 Lab signal generator

PS-3 Variable Regulated Power Supply

SG-8 Signal generator

T-3 Signal tracer

TC-2 Tube checker

Hallicrafters - The following are original factory operating instructions and service data. Most run 4 to 16 pages and include schematics.

S-20 Operating instructions

S-20 Alignment procedure

S-38D Mark 1A, Mark 1B, Operating and service instructions

S-38 E-EB-EM Mark 1A, Mark 2 service data

S-40 Installation and operating instructions

S-40 Service bulletin No.1

S-53A / S-53AU run 2; Operating and service instructions

S-107 Mark II service data

S-119 Operating and service instructions

S-120 Service data

*Allied Knight-Kit tube tester 83YX142/3

B&K 470 pix tube rejuvenator

EICO 324 signal generator

*Gonset Communicator III instruction manual (covers several 2 and 6 meter versions)

*Hickok model 650C Universal Video Generator operating manual (Cover title is "Servicing Television Receivers by Signal Substitution and

Signal Tracing", 67 pages)

*Lectrotech V-7 vectorscope/ color bar generator

Meissner Analyst model 9-1040 (the one with 4 tuning eye tubes!) (This manual is hard to find!)

*Also have 2 Meissner books with schematics of many of their kits including my 5 tube AC-operated TRF receiver commonly pictured in ads for early electronic schools and used as a symbol in Romney's "Fixing up nice old radios".

Multi-Elmac AF-67 Transciter

*Precision Apparatus E-200-C signal generator (part of a larger book by Precision entitled "Servicing by Signal Substitution")

*Precision model 120/ 120M vom operating manual, 25 pages

*Scott 350B (tube-type FM tuner) owner's manual with schematic

*Scott 222C (tube stereo amplifier) owner's manual with schematic

NEED COPIES OF THE FOLLOWING receiver manuals:

Military BC-348 (need Wells Gardner Q but others will do),

BC-224 (need RCA-built model D but others will do),

BC-312,

BC-639 or 639A (military VHF receiver, also listed as AR95610-1)

National NC-200 (NC-2-40D is close enough to be useful)

NC-88

Hallicrafters SX-19B

SX-36 or 36A

Echophone EC-1 (these Echophones were made by Halli)

Heathkit GR-64

Heathkit DX-20

Lafayette HE-40

Learavian RM 402C (Broadcast and early aviation receiver)

Multi-Elmac PMR-8 (PMR-6 or 7 is close enough to be useful)

Radiomarine AR8509-FCC

NEED COPIES OF THE FOLLOWING Test Equipment manuals:

B&K 460 triggered scope

B&K 501A Semiconductor curve tracer

Eico 710 grid dip meter

Eico 950 Resistor-Capacitor bridge

*General Electric YTW-1 tube tester *

Heathkit #4100 Frequency counter

*Heathkit PS-4 or IM-32 variable power supply *

Heathkit IT-18 transistor checker

Heathkit IP-20 reg. power supply

Heathkit IM-2A Impedance bridge

Jackson 652 audio oscillator
Lafayette LC-4 resistor/ cap checker
Sprague TO-4 Tel-O-Mike capacitor checker (similar models will do)
SG 85/ URM25D military signal generator (similar models may be useful)

If you need one of mine copied but don't have something I need, tell me what manuals you've got. We may still be able to work a copy swap. Also have most Rider's Perpetual Troubleshooters manuals, many Beitman's "Most Frequently Needed" schematic sets, the Cowan publications CQ Surplus Schematics Handbook, and the ARC 5 conversion manual.

Please do not spread this list beyond BA without checking with me first. Let's keep exchanging those manual copies!

73 de Rich KB8TAD
post@ouvaxa.cats.ohiou.edu

Received: 21-Sep-1994 06:10pm

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 20:59:07 1994
Date: Wed, 21 Sep 1994 09:26:32 PDT
From: Schroeder.Wbst207V@xerox.com
Subject: Manual Request - AN/URM-25F
Message-Id: <"21-Sep-94 12:26:26".*.Schroeder.wbst207v@Xerox.com>

Hollowstaters,

I recently acquired an AN/URM-25F 10 Khz to 50 Mhz signal generator with mechanical problems. I am looking for a manual (original or copy) to buy or borrow & copy.

Any leads would be appreciated.

Thanks,

Russ W2DYY

Schroeder.Wbst207V@Xerox.com

From owner-boatanchors@gnu.ai.mit.edu Thu Sep 22 00:13:55 1994
Date: 21 Sep 94 11:02:15 EDT
From: don merz <71333.144@compuserve.com>
Subject: Military Gear List
Message-Id: <940921150215_71333.144_DHQ23-2@CompuServe.COM>

Military Radio Gear For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228
412-234-8819 (weekdays, EST).

MILITARY RADIOS AND EQUIPMENT

Collins TCS-12 Radio. Transmitter, Receiver, Dynamotor, Cables, noise limiter, antenna loading coil, spares kit and control box. All except the control box and loading coil are made by Collins and near-mint, unused in their original military shipping boxes. The control box and loading coil are used in good condition. The radios have some scuffs at the corners (from being improperly repacked after they had been opened). But (except for the control box and loading coil) everything looks brand new. The spares kit includes a spare dynamotor. It and the dynamotor supply are brand new, unopened in the original packaging. Incredible! \$429

Collins TCS-12 Radio. Same as above, but transmitter is gray instead of black and receiver already has the noise limiter installed. \$429

Collins TCS-12 110vac supply PP-380/U. The most rare TCS accessory. Unused, but badly stored so has some paint damage (scuffs, scratches, etc) to the black wrinkle finish. One left. \$139

TCS-5. Early Collins-made TCS set with gray transmitter and black receiver. These are not quite new-in-the-box, but they look it. With antenna loading coil (used), noise blanker kit (new-in-box), cables and control box (used) and complete spares kit plus dynamotor supply brand new in unopened wooden crate. Excellent+. \$429

Collins TCS dynamotor supply. New-in-unopened-packaging. Mint. \$119. One left.

Collins TCS noise limiter kits. New-in-packaging. \$21 each. 5 left.

BC-659 Jeep set. Looks good, with power supply and all tubes. 27-38mhz. Untested. \$129

ARC-5 setup: The entire set is \$129, or sell individually. These are unmodified except that one of the receivers has an audio output tube where the dynamotor connector was. Dynamotors sold separately (see below).

3-6mhz transmitter: \$27

3-6mhz receiver: \$32

6-9mhz transmitter: \$27

6-9mhz receiver: \$32

2-receiver rack: \$37

Military Korean-war vintage RT-70/AM-65 FM transciever covering 48-57mhz.

These are common surplus jeep radios and Fair Radio may still have some. BUT what Fair doesn't have, and what NOBODY has is the DOGBONE CABLE that runs between the RT-70 and AM-65. This set has that cable. Complete with original manual and handset. Add 12 volt cable and 6 meter antenna and go. \$95

Military WWII Navy target transmitter CFT-52300, part of radio DAQ. Covers 1.5mhz to 22mhz. Uses 2 tubes--3B7, 1R5. Made in 1943 by Federal Telegraph. Uses Natioal PW dial for tuning. Runs on batteries. Brand new in canvas carry bag. \$75

Military TBX-8 transciever. Famous WWII-era set used to support all of the Marine Corps amphibious landings in the Pacific. Extra-nice original condition. \$225

EF-8 gas generator. This is the principle power unit for the TBX. With gas can, oil can and spares kit and cable (!--it may be worth is just to find that!) all in beat-up transit case. New. Opened, but never used and never unsealed. \$135 + a big shipping bill.

Hand-crank generator leg sets. Two plain legs and one with wooden seat on it. These clip onto any GN-4x hand-crank generator such as used with the SCR-284, BC-1306 and dozens of others. \$24/set.

SCR-284 (BC-654x) leg sets. Four legs with feet. Clip right onto the BC-654 case. \$39/set. One set left.

Hand-crank generator handles. \$10/pair.

DY-88 vibrator/dynamotor supply, as-is, unworking: \$35

DAG-1 WWII military RDF set with plug-in loop antenna. Looks like a miniature BC-654. Missing vibrator supply (same one used in BC-654). Lots of paint chips. Untested (but I'm sure it doesn't work). Rare collector set. \$289

BC-1335 WWII jeep radio with battery box. Good, untested. \$95

BC-1335 WWII jeep radio with battery box and battery charger. Used, good, untested. \$125

Wilcox CW-3 crystal controlled HF receiver. Single channel. Rackmount. Brand new with manual. \$39

RM-13J control unit. This is the one with the handset cradle on top. Used, excellent: \$39

BC-611 switch cover. Strap-on cover prevents accidental transmission. New-in packaging. \$7

BC-611 top cover, battery contact and antenna cover. Used, good. \$12

Military PP-114/VRC-3 vibrator power supply for the SCR-300 (BC-1000) WWII vintage backpack radio. Used, excellent. Three left. \$85 each.

Military ZB-3 homing accesory sets for the WWII command sets and others. New-in-box: \$39 each. Five left.

RCA AVR-104 aircraft beacon radio sets covering 200khz-415khz. Brand new in the box. Complete with manual. \$85 each. Three left.

WWII I-83H Dynamotor test stand. Tests all then-current 14v and 28v types. Requires 16v and 32v input. Made by Espey mfg in 1943. Used, good. \$55

BC-611 accessories: Used test sets: \$165 each. Nearly-Brand-new crystal cases, with crystals and complete coil sets: \$149 each.

CAMP RADIO STATION: Complete WWII U.S. Army camp radio station. Includes low-power AM transmitter, monitor panel, mixer console, mics, cables and 16" turntable plus about 30 brand new original Army-issue 16" records featuring Frank Sinatra and then-current big-bands. "Be the first one on your block...." Everything is used but excellent in some scruffy transit cases. \$1,495

TH-5/TG CW transmitter for landline use. Switchable between 2 and 5 watts. Marked "U. S. Terminal Telegraph ." Smooth black finish may have been repainted. Snap-on top cover is missing. Otherwise complete, no mods and in nice condition. \$11

AN/SRR-12. Hey! These don't really exist, do they? The SRR-13 is common and

the SRR-11 is at least findable. But this is the only SRR-12 I've ever seen or heard of. RCA-made HF Navy radio from the 50's covering 2-8mhz (So this was the middle one from the set: The 11 covers 200 - 2000 khz and the 13 covers 1.5 to 32mhz). This one appears brand new inside. The front panel is excellent or better, though the edges are chipped where they stick out. The case is scuffed in many places too. \$265

URC-64 Military UHF handheld in the 250mhz range. 3 or 4 crystal-controlled channels. Scratched up but works. Kinda' neat. \$35

Signal Corps BC-611F walkie talkie. The only model handheld to see action in WWII. This one is complete but pretty scraped up and untested. It has become VERY hard to find these with a U.S. data plate. \$99

Signal Corps "Lord" shock mount "feet." These are the equipment feet that are about 2" square and 1" deep made of steel with a semi-flexible rubber center with a hole for a 1/4" bolt. As-new. \$1.75 each. Have many to sell.

Signal Corps PRC-6 walkie-talkie. 1950-s vintage. U.S. data plate. Many touched up paint dings, but looks good overall. Complete, untested: \$44
Manual photocopies (service and user): \$14 with radio.

Military AN/URR-13A VHF/UHF FM receiver covering 220 mhz-420mhz. Rackmount. Very good cosmetic and working condition. \$35

Hallicrafters R-44/ARR-5 WWII Military airborne (B-29) VHF radio. Scarce example of the military S-36A with motorized tuning. 27-140mhz. Requires external power supply (not included). NO MODS (this is important--almost all of these you see have the electric band change switch removed and the power connector modified or removed. Even the radio in the Smithsonian's Enola Gay exhibit has a modified power connector.) Excellent working condition. \$89

IS IT MILITARY? YOU MAKE THE CALL...

Hallicrafters HT-12 transmitter/receiver...or is it a BC-669?.

Pre-war 45 watt AM transmitter and receiver covering 1.7 to 4.0 mhz. Circuit is a 6L6 driving an 807. Modulator is an AB1 using 4 6L6s. This is a two-layer rack in a 19" desk cabinet with the hallicrafter "h" on the speaker grill. No other markings except "Signal Corps" on the meter faces. Requires an external power supply. I have a homebrew supply for a BC669 which ought to work. This TX is in fair, as-found condition. A complete clean-up and restoration is necessary. But there are no mods but the speaker bezel is missing. It is otherwise complete and should clean up to excellent or better condition. The cabinet is a standard Bud model with some rust around the bottom. \$99 + a big shipping bill.

MILITARY MISCELLANY

ARC-5 receiver dynamotors: 3 with mounting plates: \$25 each. 4 without mounts: \$15 each

PE-103 dynamotor for the BC-654 transmitter/receiver. Olive drab paint is very weathered, but electrically very good. Small dent in one corner of distribution box. \$55

811A Tubes for the ART-13. Brand new American-made 811A tubes from the ATC (ART-13) spares kit. In JAN packaging marked "ATC Spares". Unopened. \$35/pair
Military (or Hallicrafters) BC-610 (or HT-4x) tuning units:

TU-50 (4.0-5.0mhz), TU-52 (6.35-8.0mhz) and TU-48 (2.5-3.2mhz). \$17 each.
Military MP-73 mast base for mounting GRC-9 whip on vehicle or structure.

Unused. \$29

Military ATD transmitter spare parts cards: Set of contents/manufacturers cards from the ATD spare parts chest. \$17

SCR-300 homing antenna accessory. Basically a folding, collapsible dipole. Brand new in original packaging with canvas carry bag and manual. \$45 each. 2 left.

Astrocom headset with boom mic. Neat helicopter-driver's styling. With INT/RAD switch on cord. I'm guessing this is 1975-vintage. Complete and excellent. \$15

H-33 handsets. These were used on all the Korean-war era PRC equipment including the PRC-6, RT-70 and many others. These are all in good condition with U-229 connectors and either coiled or straight cords. Your choice: \$8 each.

H-33F/PT made by Audiosears. Coiled cord. 2 available.

H-33D/PT made by Shure. Straight cord.

H-33/PT made by Packard Bell. 1951 date. Straight cord.

Military mics. Basically commercial mics painted green. These use cannon connectors. Your choice \$7 each.

M-43/U Electro Voice dynamic (EV 905). Round face on egg-shaped housing.

M-43/U University Sound dynamic. Round face on cone-shaped housing. 2 available.

AT-784/PRC DF loop for the PRC-25. Near-new in canvas carry bag. \$26

H-250/U Handset for the PRC-25 and others. \$13

AN/GRM-55A PRC-25 test set. Excellent. \$34

Military "Crystal Rectifier Test Set" TS-268E. 1956 Contract date. Made by George Voran & Company. Tests 1N2X and 1N7x diodes. Instructions in lid. Takes 1 "D" cell. Brand new. \$11

Military BC-306A antenna tuner for the BC-375 transmitter. Brand-new. \$32

Military BC-906D VHF frequency meter made by Philco in 1944. Brand new. \$27

Military A-62 Phantom Antenna for SCR-508 or SCR-528. As-new. \$15

Military A-27 "Phantom Antenna" for SCR 506/BC-193. Brand new. Unused. \$15

T-30V carbon throat mic switch: SW-141-v PTT switch only. No cord or mic. \$3

AN130A whip antenna (for BC-1000, SCR-300 backpack set) \$13

BC-728 whip antenna with clamp mount. \$18

Signal Corps F15U RF bandpass filter on MT plate. \$7

Signal Corps BC-AL-408 Antenna Relay. Part of ARC-5 set. 1940 date: \$11

R-14 headset with leather headband. PL-55 plug. \$12

JK-26 to PL-55 extension cord for ANB-H-1. \$3 each.

Signal Corps Model SC headset, made by Century Telephone, marked "WAR DEPT" and "U.S.A." Poor headband. \$12

Vietnam-era H-79 aircraft headphones with boom mic, nice: \$16

MILITARY BOOKS/LITERATURE

MILITARY TMs (Originals)

11-850 BC-312, -314, -342, -344. 1942. Excellent: \$32
11-242 SCR-300 (BC-1000). 1945 \$21
11-351 TG-5/5A. 1941. \$21
11-961 Rectifier RA-34H (for BC-191) w/Supplement. 1943. \$6
ART-13 original schematic from manual. \$4

OTHER MILITARY (PHOTOCOPIES)

TCS Partial Manual, covers the TCS-7 through TCS-12 sets along with all the usual accessories. Includes installation, maintenance, schematics and parts list sections. Theory sections are omitted (about 100 pages): \$19.95 PPD
TM11-230C, Radio Set SCR-694C (BC-1306) manual photocopy. 1944: \$19.95 PPD
NAVELEX 0967-LP-115-2010 "Technical Manual for Radio Receiving Sets AN/SRR-11, AN/SRR-12, AN/SRR-13 and AN/SRR-13A." Photocopy of all required info (200+ 2-sided pages). Schematics are on about 100 more pages of 8-1/2x14 paper. \$19.95 PPD
TM 11-487 Chapter 14, RADIO EQUIPMENT Photocopy. 1944. \$ 8.95 PPD
Covers ALL ground-to-ground radio equipment in service in all branches of the military in 1944. Does not cover radar, airborne and beacon gear. Photos and some diagrams (not schematics) are included. 131 2-sided pages.
ECOM-4451, HISTORY OF THE SQUAD RADIO Photocopy. 1976. \$ 8.95 PPD.
Covers the development of the "Handie-Talkie," from the earliest days (BC-611/PRC-6) through the "helmet-radio" (PRT-4/PRT-9) variations. Photos and diagrams are included. Backpack radios are not covered but some European sets are. 98 2-sided pages.
TM 11-235 BC-611 Use/maintenance manual copy. 1945. \$12.95 PPD.
TM 11-296 PRC-6 Use manual Photocopy. About 1955. \$ 9.95 PPD
TM 11-4096 PRC-6 Field Maintenance Manual Photocopy. \$12.95 PPD
Everything you need to know to test and repair it.
Includes all known addendums.
CPRC-26: Royal Canadian School of Signals manual copy
with all addendums. Fair copy. \$10.95 PPD

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 22:00:44 1994
Message-Id: <9409211658.AA09123@wrdis01.robins.af.mil>
Date: Wed, 21 Sep 94 12:58:09 -0400
From: lakeith@wrdis01.robins.af.mil (Larry CONTRACTOR Keith Mr.)
Subject: Military Surplus - For Sale - Ver 3.

I have the following items to sell or trade:

Jennings UCSL 1000 Vacuum Variable Capacitors, 3-1000 pf, 3KV rating at minimum capacitance. The variable is on a mounting plate and

includes the circuitry and a 28 vdc motor to turn the cap. The motor will run on 6 vdc, 12 vdc is perfect.. Very similar arrangement to the Collins 180L3 Antenna Tuner caps.. Used, good condition, and checked prior to shipment. \$40 each or 2 for \$75. Two of these and a big coil would make a heck of T-network antenna tuner!!

ARC-58 Receiver Units. The R-761/ARC-58 Receiver is the companion receiver and exciter to the T-730 transmitter. Frequency coverage is 2-29.999 Mhz. Requires 115 VAC, 400 Hz power input. C-3141 Control is required for frequency selection. Weight is 55 lbs and the unit measures 7.6x10.3x23.5 inches. Very Good Condition. Some are still in the shelf pack. \$75 each or 3 for \$200.

T-437/APX-37. Fair Condition \$50 each or 3 for \$125.

RT-759/ARC-112 -- I am told that this is a 618T-2 transceiver in a pressurized case and uses the same modules. 2-29.999 Mhz, SSB-AM-CW in 28000 channels. Power input is 400 watts PEP for SSB, 125 watts AM or CW. Output impedance is 52 ohms, Audio input impedance is 600 ohms. Uses two 4CX250 in Power Amplifier. Separate control box is necessary for channel select. Requires 115 VAC 400 Hz 3 Phase @ 1 KVA and 1 Phase @ 160 VA as well as 28 VDC @ 4.5 amps. Weight is 58 lbs and the unit measures 7.6x10.1x22.2 inches. Fair condition. I have been told that these have the filters needed to convert a PRC-47 to LSB. \$60 each or 3 for \$150.

RT-736/ASQ-88. Fair Condition. \$60 each or 3 for \$150.

Lambda 0-36V, 0-25A Power Supply, Fair condition. \$100.

Lambda 0-20V, 0-5.7A Power Supply, Poor condition (meters broken). \$75.

RT641B/ARC-90. Fair condition. \$60 each or 3 for \$150.

PP-112/GR Power Supply. Fair Condition. \$50.

KY-312/ASQ-19. Fair Condition. \$60 each or 3 for \$150.

TV-7/D and /U tube testers. Fair condition, Some may be missing covers and adapters, no manuals. \$50 each.

DA-43/U Dummy Load/Wattmeter. Has series capacitance MMF selector for 100-200-300-400-OUT for switching four CRL 851 100 pf 7500 Volt capacitors. Also, selector for Series Resistance Ohms to allow switching of 4-8-10-30-40 70 watt resistor bank.

With 0-100 watt meter, cooling fan, and power cable. Requires 28 VDC. Weight is 17 lbs and the unit measures 9.5x12x8.5 inches. Unused, new condition, no manuals. \$50 each.

AN/URM-32A Frequency Meter. Looks good but sold as used-repairable. \$60 each.

TS-323/UR Frequency Meter. Looks kind of like a BC-221. U.S. Navy markings. With Calibration Book. Looks good but sold as used-repairable. \$50 each. Only one!

HP-410B VTVM Looks fair, used-repairable. \$50 each.

HP-410B VTVM Rack Mount Version. Looks fair, used-repairable. \$60 each.. Only one!

All equipment items are used, not checked. I do not have any tech data on this stuff. Prices do not include shipping.

If you are interested, please e-mail me. Please include your zip code so that I can estimate the shipping.

73,

Larry , KQ4BY
lakeith@wrdis01.robins.af.mil

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 21:49:04 1994
Date: 21 Sep 94 11:00:13 EDT
From: don merz <71333.144@compuserve.com>
Subject: Old AM & SSB List
Message-Id: <940921150012_71333.144_DHQ23-1@CompuServe.COM>

Vintage Radio Gear For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228
412-234-8819 (weekdays, EST).

OLDIES FOR THE AFFICIONADO

Hallicrafters S-40A receiver. Excellent general coverage radio. Looks and works great, though it has a few scratches here and there. \$85
National NC-100. This is the general coverage precursor to the famous NC-101. This 1938 radio initiated the Millen sliding-coil tray design. PW-dial, art-deco front panel and tuning eye!. Very good or better original condition. No mods. Untested. \$209
National NDC-07 speaker cabinet. I think this takes an 8" speaker. The color matches the HRO 7 (light, non-metallic gray). Brand new in the original

box. No speaker, just the cabinet. Unopened. Mint. \$44

Drake T4XB transmitter. Works but relay sticks a bit. Scratched black cabinet, but the front panel is very good. \$70 with manual that says "T4XB and T-4 Reciter." Includes 10m CW crystal.

Central Electronics MM-2 modulation scope. Cosmetically good with some chips at bottom edge and around scope screen edge. The oil-filled cap in the power supply section makes a swish-swish noise when shaken as though 50% of the oil has leaked out. So I've never had the guts to power this up. Untested. As-is. MM-1 Manual photocopy. \$35

1935 "All-Star Junior" ham radio receiver built from a kit. The "All-Star" circuit was developed by 8 component manufacturers as a sales tool. Quoth the 1934 Thordarson Transmitter Guide: "The receiver has continuous band-spread for easy separation of stations...a beat-frequency oscillator is an integral part of the receiver for C.W. signal reception." Tube lineup is 2A7, 58, 56, 2A5 and 80. Looks excellent! This is the last radio listed in the 2nd edition of Moore's "Communication Receivers" book. One coil included: 540-1100kc. Complete. Unmodified. Untested but a quick scan of the chassis underside shows a lot of loose cold solder joints. Scarce collectible. \$105

Meissner 9-1050 Signal Shifter. This is the one with the tuning eye and TV-type rotating coil turret for bandswitching. Wiith FM-X modulator, low-voltage supply and high-voltage supply. Paint on high voltage supply chassis is rough. 'Shifter front panel is excellent but case paint is dull and dirty. This is the most complete 'shifter I've ever seen--the factory power supplies are unfindable at any price. \$85

Meissner 9-1008 Signal Booster. A preselector. Runs on AC and plugs into the antenna line. See the Meissner ad in the 1940 ARRL handbook. Wonderful original condition. \$65

Heathkit AK-7 mobile external speaker. Green with U bracket. Excellent. \$15

Meissner 150B Transmitter. 1941-vintage, 150 watt, plate-modulated AM transmitter originally designed for broadcast AM radio station use but drafted by the Signal Corps for the duration. CW too. Covers 1500khz through 12mhz. Uses Meissner Signal Shifter VFO and plug-in coils. This one includes two Signal Shifters, one complete set of coils and a few extras and a manual photocopy. Formerly owned by the Chief Engineer of W1AW, the transmitter has been modified for improved audio. It has several unoriginal 3/8" holes in the 1/8" thick steel front panel. It measures 40"w x 18"h x 20"d and weighs just over 250 pounds. It is not modular and could only be shipped at great expense. \$220

Heath HD-15 "Hybrid Phone Patch." Dirty, Untested. Styling matches HW-101 knobs and colors. \$17

Jewell Electrical Thermocouple RF Ammeter, 0 - 3 Amps. Some marks on meter face. \$8

Gonset Communicator III (2 meters). Cream with blue knobs. In just fair condition--lots of wear. No mods. \$35

VINTAGE SIDEBAND GEAR

WRL Galaxy 300 SSB Transciever. Made back when transievers had STYLE, this radio is a gorgeous combination of gold painted cabinets, black trim and anodized gold front panel with black knobs with gold inserts. The radio covers 80/75-40-20 meters and delivers 300 watts PEP output from a set of 6HF5 sweep tube finals. This one comes with the scarce matching PSA-300 station console that includes the power supply, mechanical digital clock and speaker in one cabinet--color and size-matched to the transciever. Made in 1963, this one is in excellent looking condition and very good operating condition. With original manual. \$175

Kenwood 599D transmitter/receiver pair. This is the famous set of Japanese "twins" that launched Kenwood into the U.S. market. These are the later model "D" version in the classy deep bronze color scheme. The pair covers 80 - 10 meters, less the WARC bands. The receiver will take add-on 6 meter and 2 meter converters if desired. Cabled together, they act as a transciever with dual VFOs since you can switch back and forth between the TX and RX VFO. The finals are 6146s and this is the design that Kenwood later collapsed into the TS-520 and 820 transciever line. When they did that, they cut short the excellent receiver that is in the R599D--this receiver is HOT with excellent sensitivity and selectivity--much better than the one in the 520/820 rigs. These are in excellent to near-mint condition with all cables and original manuals. \$299 without the receiver converters. \$339 with the 2 meter receive converter (not installed).

E. F. Johnson Invader 2000. 1 KW output SSB and CW, 300 watts AM (balanced modulation--not plate modulated). A full gallon in style! This is a rare Factory-Built 2000, not a 200 with an add-on kit. Only 380 of these were made. How many are left? This one is in very good cosmetic condition. Case has many chips and scrapes but the front panel and power supply cabinet are excellent. It works very well and loads to full output on all bands except 40 meters. 40 meters is down a bit and tricky to load for some reason. With original manual. \$689 shipped to your door east oof the Mississippi, \$719 shipped westward.

Gonset GSB-100 transmitter. 100 watt, 80-10 meter transmitter with AM, CW and SSB capability. Near-mint in every respect. Few scratches, no wear--a real beauty. Works perfectly. Classy radio. Original manual, receipt from Harrison radio, owners log showing repairs made 20 years ago. \$130

From owner-boatanchors@gnu.ai.mit.edu Thu Sep 22 00:25:16 1994

Date: Wed, 21 Sep 94 15:00:56 PST

From: janderson@polycom.com

Message-Id: <9408217801.AA780184856@ccsmtpgw.polycom.com>

Subject: R-390A Manual

I've been told that the Navy manual for the R-390A is much superior to the Army manual. I already have the Army manual, but find

it lacking in regards to alignment: there are a number of adjustments that aren't mentioned.

Has anyone else had much experience with the Navy manual? How does it compare to the Army tech manual for alignment, etc? It now costs \$48, so I'd like to be sure that the difference between it and the Army manual is worth it before I spend the money.

Thanks,

- Jeff, WA6AHL

P.S. I understand that the Navy manual has a simple mod for the antenna input circuits to get rid of the need for a Twin-ax connector. Anyone know what it is?

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 22:27:21 1994
Message-Id: <MAILQUEUE-101.940921130410.480@vilas.uwex.edu>
From: "Terry O'Laughlin" <OLAUGHLIN@vilas.uwex.edu>
Date: 21 Sep 94 13:04:10 CDT
Subject: R-390As for sale

I have two R-390A receivers for sale.

Manufactured by Capehart ser. #285

- all original with covers, meters, 26Z5s, 3TF7
- exc internally, external vg to exc (minor chips on knobs)
- security flap for frequency readout

Manufactured by Electronic Assistance Corp. ser. #4942

- all original with meters, 26Z5s, 3TF7
- like new internally, external vg to exc (some chips on knobs)
- missing one rack handle, main knob and covers
(I can supply all from another receiver)

Both units are \$200 plus UPS from Seattle. I left them with a friend to avoid overloading my car. I did not have time to plug them in. I do not know their electrical condition but they are the cleanest units I have seen in a long time.

contact me via e-mail or at (608) 258-1810

73s Terry O' WB9GVB

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 23:04:13 1994
From: haynes@cats.ucsc.edu (Jim Haynes)
Date: Wed, 21 Sep 1994 17:03:07 -0700
Message-Id: <199409220003.RAA05507@hobbes.UCSC.EDU>

Subject: railroad car...

Well there were some people here who tried to locate some cabooses on their property, and were never able to get it through the zoning process and had to get rid of them.

From owner-boatanchors@gnu.ai.mit.edu Thu Sep 22 00:38:37 1994
Message-Id: <CCMAIL.0093373.375824150094264FCCMAIL@EMIS.HAC.COM>
Date: 21 Sep 1994 15:14:15 GMT
From: "James C Reid" <0093373@CCMAIL.EMIS.HAC.COM>
Subject: Simpson differences

I was digging thru my cabinet of test equipment the other night and I noticed among the Simpson 260's, there was a Simpson 261. Looks identical to the 260, so I'm asking any of the Simpson fanatics out there, what's the difference??

-Jim

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 22:41:39 1994
Date: Wed, 21 Sep 94 15:04:21 EST
From: "Roy Morgan" <morgan@speckle.ncsl.nist.gov>
Message-Id: <66063.morgan@speckle.ncsl.nist.gov>
Subject: SP-200 manual copies available

Hammerlund Antiquarians,

SP-200 "Super Pro" manual copies available.

It's the military version, "Published By Authority of the Chief Signal Officer", and rubber stamped "SP-210LX, SPR-210LX", 33 pages plus schematic.

-- Roy --

Roy Morgan / Tech A-266 / NIST / Gaithersburg MD 20899
(National Institute of Standards and Technology, formerly NBS)
301-975-3254 Fax: 301-948-6213 Internet: morgan@speckle.ncsl.nist.gov

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 23:34:16 1994
Date: Wed, 21 Sep 94 08:53:58 HST
From: jeffrey@math.hawaii.edu (Jeffrey Herman)
Message-Id: <9409211853.AA03665@kahuna.math.hawaii.edu>

Subject: those tubes for sale

Again, I am posting this for someone else - PLEASE contact him for details - I'm only the messenger!

Jeff NH6IL

*****Begin Included Article*****

>From jcborkow@eden.rutgers.edu Wed Sep 21 04:45:22 1994
Subject: RCA Vacuum Tube List

The amount of interested replies I have received for my set of tubes was much more than I expected. A few people asked if I knew the original application of these tubes. Unfortunately I'm only a 22 year old microwave engineering student who was born and raised on transistors, so the only tubes I know anything about are TWTs.

All the listed tubes are NEW RCA tubes, unless otherwise stated. They are a collection of my employer's, who worked at RCA (about 20 years ago) and was able to buy them at discounted prices (he did a little electronic experimenting of his own on the side). Review the list and make an offer of whatever you feel the tubes are worth. And as to shipping, the cost will probably be around \$35 for US First Class insured post. (If nobody thinks the tubes are worth anything, whoever offers enough just to cover shipping costs can have them).

Thank you for your time and your interest. (Also, thank you to those who responded to my request for audio transformers.) Enjoy!

Type	Qty	Comments	Type	Qty	Comments
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MINATURES:

1R5	1		1V2	1	
2AV2	1		25C5	1	
3AV6	1		3CS6	3	
5AQ5	2		5CZ5	2	
5U8	1		6AG5	3	(1 EMERSON)
6AJH6	1	(1 EMERSON)	6AK6	2	
6AL5	3		6AN8	2	(1 USED SYLVAN)
6AQ5	6		6AQ5A	4	
6AQ6	2		6AS5	2	
6AT6	3		6AU8A	3	
6AV6	3		6AW8A	4	(1 HITACHI)

6BA6	3		6BC8	1	
6BF8	2		6BN8	1	
6BQ5	1		6BQ7A	7	
6BY6	1		6BZ6	3	
6BZ7	1		6CB6A	3	
6CG7	2		6CU5	1	
6CZ5	6		6DS5	2	
6EA8	2	(2 TUNGSOL)	6EM5	2	
6EJ7-EF184	1		6FG6-EM84	2	(2 SIEMENS)
6FQ7-6CG7	10		6GA8A	1	
6GM6	2		6GU7	2	
6GY6	1		6JU8A	1	
6KA8	2		6KT8	1	
6KZ8	3		6LF8	1	
6U8A	1				
6UBA	1		12AD6	2	(1 ARVIN)
12AJ6	1		12AQ5	1	
12AT6	1		12AU6	1	
12AU7	1	(1 GE)	12AU7A	1	
12AV6	7	(1 ARVIN)	12AX7	2	
12BE6	9	(1 ARVIN)	12BF6	2	
12BY7A	3		12CR6	2	
35B5	1		35C5	4	
35W4	3	(1 GE)	50B5	2	
50C5	2		6973	2	
8K5	3		85H	3	

(ALSO 4 UNLABELED TUBES)

COMPACTRONS:

6DS6 1 (1 RCA)

METAL TUBES:

6AG7	1	(1 ZENITH)	6H6	2	(1 EMERSON)
6L6	1		6SQ7	1	(1 KENRAD)
12GA7	1		12SQ7	2	
12SK7	3	(2 KENRAD, 1 USED)			

GLASS TUBES:

0D3	1		1B3GT	1	
1G3GT-1B3GT	1		3A3B-02X	1	
3A3C-D10A	2		5R4GY	1	
5U4G	3		5U4GB	3	

5Y3GT	2		6AH4GT	1	
6AS7G	1		6AU4GTA	1	
6AX4GT	2		6BF7A	1	
6BG6G	1		6BK4	1	
6BQ6GT	1		6CG6G	1	
6DG6GT	3		6DQ6A	3	
6DW4B	2		6GF7A	3	
6K6GT	5	(1 GE)	6L6G	1	
6LQ6	2		6LQ6-6MJ6	1	
6MJ6	1		6N7GT	1	
6SA7	1	(1 HYTRON)	6SK7-80	1	
6SL7GT	3		6SN7GT	7	(1 RAYTHN,1 MAGNVX)
6SN7GTA	1		6SN7GTB	1	(1 MAGNAVOX)
6V6GT	3	(1 CROSLEY)	6V6GT-G	1	(1 EMERSON)
6W6GT	4		12BK4-EL4	1	
12L6GT	1		12SQ7GT	1	
12V6GT	2		12W6GT	2	
25L6GT	4		35L6GT	1	
35Z5GT	5	(1 TUNGSOL)	50L6GT	3	
G43X	1				

Jason

(jcborkow@eden.rutgers.edu)

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 23:02:03 1994

Date: Wed, 21 Sep 94 13:06:59 CST

Message-Id: <00984CDA21131560.21610236@mwk.com>

From: "Lee K. Gleason" <gleason@mwk.com>

Subject: two recent boatanchor sightings

Was in the Bay Area last week. My SO dragged me to Alcatraz (I usually avoid tourist activities). The guard's control room had what looked like a piece of National gear in it - couldn't see well enough to tell exactly what.

Saw a movie entitled "The Boys in Company C" a few days back. There's a scene where they come across a VC communications outpost - if you watch carefully you can see a BC-610 as the transmitter there.

Lee K. Gleason N5ZMR
Control-G Consultants
gleason@mwk.com

PS - still on the lookout for a BC-348 in real good shape, with AC power supply.

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 23:06:23 1994
Message-Id: <MAILQUEUE-101.940921143555.608@nich-nsunet.nich.edu>
From: "Evert Halbach" <CS-ERH@nich-nsunet.nich.edu>
Date: Wed, 21 Sep 1994 14:35:55 CST
Subject: uNSUBSCRIBE

UNSUBSCRIBE BOATANCHORS CS-ERH@NICH-NSUNET.NICH.EDU

Evert R. Halbach WA50JI
Internet - cs-erh@nich-nsunet.nich.edu
Phone - (504) 448-4999
Snail - P.O. Box 2168 Thibodaux, La. 70310

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 22:58:32 1994
From: "Kearman, Jim, KR1S" <jkearman@arrl.org>
Subject: Unsubscribers
Date: Wed, 21 Sep 94 14:59:00 EDT
Message-Id: <2E80833E@arrl.org>

The following email addresses are scheduled to be deleted from the
Boatanchors mailing list tonight.

73

Jim
jkearman@arrl.org

bwhite@world.std.com
bwhite@inmet.com
bwhite@cobra.camb.inmet.com
bwhite@inmet.camb.inmet.com
david@rmit.edu.au
mellob@rpi.edu
burden_d@oass.enet.dec.com
snhall@email.unc.edu
adams@sgi.com
usechnq3@ibmmail.com
stan.galonski@west.sun.com
jfurman@spa.mhs.compuserve.com
groverc@gvgadg.gvg.tek.com
phantom@pro-haven.cts.com
jak@sgfb.ssd.ray.com

bosslet@world.std.com
ksmith@synoptics.com
ovazquez@newton.physics.mun.ca
kc4zvw@gate.net
dgf@meu.edu
Eric_Shrader@qm.sri.com
rossi@vfl.paramax.com
kludge@netcom.com
ron@etcheshop.Berkeley.EDU
stuartwh@microsoft.com

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 11:25:54 1994
Date: Wed, 21 Sep 1994 08:05:18 -0400
From: dsnowden@ccd.harris.com (Doug Snowden)
Message-Id: <9409211205.AA353752@rs2>
Subject: Want Tube Sockets

I am building some boatanchor stuff and need a few 9 pin tube sockets.
I'd prefer clean unused ones. Anybody got any ? Or where is the best
source?

I don't know if I am still on this list since my email address changed. Or
if the list is still functional..Haven't seen any mail lately.

73's Doug N4IJ dsnowden@ccd.harris.com

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 20:52:21 1994
Date: Wed, 21 Sep 1994 11:46:32 -0400
From: "Rhett T. George" <rtg@ee.duke.edu>
Message-Id: <199409211546.LAA50587@ee.ee.duke.edu>
Subject: Re: Want Tube Sockets

- Doug -

I have found goodly numbers of sockets at area hamfests. They are likely
as close as your next nearby 'fest. If you are at the Triangle-N.C.
location, there is a hamfest in South Boston, VA, on Saturday and in
Butner, NC, on Sunday.

73's de Rhett, KE4HIH

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 23:45:57 1994
Date: Wed, 21 Sep 1994 16:09:49 -0400
From: Michael Crestohl <mc@shore.net>
Message-Id: <199409212009.AA04688@shore.shore.net>
Subject: WANTED: Manual for Radio Station RS-6

Does anyone have an original manual for the following piece of equipment:

INSTRUCTION BOOK FOR RADIO STATION RS-6

circa 1953. This is a four piece radio set for CW 3 - 16 MHz xtal control, very compact and light. Anybody else here have one or interest in "exotic" military/government agency radio equipment???? These are used to anchor small boats ;-)

73,

Michael KH6KD/W1

"By the sea.....in Massachusetts!!!" W1JS

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 23:13:35 1994
Date: Wed, 21 Sep 94 10:58:41 CDT
From: mr@z@maverick.aud.alcatel.com (Kris I. Mraz)
Message-Id: <9409211558.AA00697@maverick.aud.alcatel.com>
Subject: What was it like?

Bill, N6CQ/3 said:

>
> Decades ago, many hams resisted the change
> from am to ssb but I don't recall any special categories in phone
> contests to differentiate between the two modes. Competitors compete.
>

When I got my novice ticket in '67 there was still some AM activity but I never got to hear a big contest when AM was king. Can someone describe what this was like? Were there thousands of heterodynes across the band? How did testers deal with this?

Kris AA5U0
mr@z@aud.alcatel.com

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 19:58:35 1994
Date: Wed, 21 Sep 94 11:16:15 EDT
From: mallick@ausable.crd.ge.com (John Mallick)
Message-Id: <9409211516.AA10088@ausable.crd.Ge.Com>
Subject: Zoning?

Mike,

You wrote...

Subject: Need some help

I am in the process of acquiring an ex Burlington 10/6 Budd build sleeper

(ex Silver Boulder). My plans call for removing 6 of the roomettes to create a lounge/dining area. To equip this area I am interested in acquiring 4-8 sets of reclining coach chairs with foot rest and 2-4 dining tables. The car is also missing 2 of the chairs that went in the lengthwise bedrooms and the car tables that also were used in that style bedroom. Any help in locating sources for these items would be greatly appreciated.

...

I wonder what these folks do about restrictive zoning and development covenants???

73, John WA1HNL

From owner-boatanchors@gnu.ai.mit.edu Wed Sep 21 22:15:59 1994
From: David Josephson <david@josephson.com>
Message-Id: <199409212337.AA10623@foxtrot.rahul.net>
Subject: [Scrounge Alert] Drake 2B, q-mult, coax
Date: Wed, 21 Sep 1994 16:37:29 -0700 (PDT)

For San Jose CA area BA'ers,

at the thrift store across from the Price Club on Story Road in San Jose (just west of 101) is a Drake 2B, missing some tubes and the 100 kHz calibrator crystal, together with a Q-multiplier, for \$35.99 (all the way in the back, with the trashed adding machines). They say 3 pcs on the tag, so maybe the tx is somewhere or you could ask for a cheaper price because only 2 pcs...

At the St Vincent de Paul on South 7th street between Tully and Keyes is a 500 foot spool of Belden 9880 for \$16, this is thick Ethernet cable which is effectively identical to RG-8 foam except that it's solid center conductor and double shielded (and it's yellow.)

--

David Josephson / Josephson Engineering / San Jose CA / david@josephson.com